

The University of KwaZulu-Natal (UKZN) is committed to Employment Equity with the intention to promote representivity within the Institution. Preference will be given to applicants from the designated groups in accordance with our Employment Equity Plan.

**COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE**

**PRINCIPAL TECHNICIAN (INSTRUMENTATION)  
(PEROMNES GRADE 8)  
SCHOOL OF CHEMISTRY AND PHYSICS  
WESTVILLE CAMPUS**

**REF NO.: CP02/2017**

This is a developmental post and progression by the successful appointee to a higher level will be dependent on fulfilling set objectives within specified timelines, in line with a Development Plan which will commence upon assumption of duty.

Ultimately, the incumbent will provide a high level NMR service to the School of Chemistry & Physics, to other Schools in the University and to the scientific community of KZN as a whole. The incumbent should be involved in research at the instrumental level and provide research support to the academic and postgraduates within the School. S/he will also maintain and manage the Liquid Nitrogen plant, and provide a backup service for other instrumentation in the School, including the NMR spectrometers on the Pietermaritzburg campus.

The successful incumbent will be responsible for the operation and first-line maintenance of the 600 and 400 MHz instruments, and will ensure the safe operation and security of the NMR facility. S/he will assist staff and students with the interpretation of NMR spectra and in selecting the appropriate NMR experiment for the purpose it is required. S/he will install the latest firmware updates to the spectrometer hardware, and be responsible for software upgrades and patches to the operating system of the spectrometer hosts and the spectrometer operating software.

The incumbent will report to the Manager: Technical Operations, Durban Centre.

**Minimum Requirements:**

- Relevant Honours degree in Chemistry.
- 4 years of relevant experience, inclusive of experiential training gained during post graduate studies.

**Short-listed candidates may be required to undertake a skills test.**

Enquiries and details regarding this post may be directed to the Manager, Technical Operations, Westville Campus, Mrs U. Belbhudder on email: [Belbhudder@ukzn.ac.za](mailto:Belbhudder@ukzn.ac.za)

All other recruitment related enquiries may be directed to Miss Nokwanda Nkomo on 033 260 6776 or e-mail: [Nkomon@ukzn.ac.za](mailto:Nkomon@ukzn.ac.za)

**Appointment to this post will be on the January 2012 Conditions of Service, where applicable.**

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 30 June 2017.

Applicants are required to complete the relevant application form which is available on the Vacancies website at [www.ukzn.ac.za](http://www.ukzn.ac.za). Completed forms and Curriculum Vitae must be sent to [Recruitment-aes@ukzn.ac.za](mailto:Recruitment-aes@ukzn.ac.za)